

# Silicone interface material

GCSP-30GF is a high performance thermal interface silicone pad, reinforced with glass fibre

## Features

- Very good thermal conductivity
- Glass fibre reinforced
- Single side adhesive
- Long term stability

| Part number             | Total thickness |
|-------------------------|-----------------|
| GCSP-30GF-200x200x0.5-A | 0.5mm           |
| GCSP-30GF-200x200x1.0-A | 1mm             |
| GCSP-30GF-200x200x1.5-A | 1.5mm           |
| GCSP-30GF-200x200x2.0-A | 2mm             |
| GCSP-30GF-200x200x3.0-A | 3mm             |

| Characteristic                           | Test Method | Value             |
|--|-------------|-------------------|
| Colour                                   | Visual      | Light Grey        |
| Thickness mm                             | -           | 0.5 - 3.0         |
| Adhesive                                 | -           | Single side       |
| Thermal conductivity W/m <sup>2</sup> *K | ASTM D5470  | 3.0               |
| Thermal impedance °C-in <sup>2</sup> /W  | ASTM D5470  | <0.195            |
| Specific gravity, g/cm <sup>3</sup>      | ASTM D792   | 2.75              |
| Hardness (Shore OO)                      | ASTM D2240  | 35                |
| Dielectric strength, kV/mm               | ASTM D149   | 6.0               |
| Operation temperature °C                 | EN344       | -50 ~ +200        |
| Volume resistivity (Ohm.cm)              | ASTM D257   | >10 <sup>12</sup> |



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